

WEDRON SILICA COMPANY

P.O. BOX 177
WEDRON, IL 60557
TELEPHONE (815) 433-2449
FAX (815) 433-9393

SPENCER ZITKA
Manager of Engineering

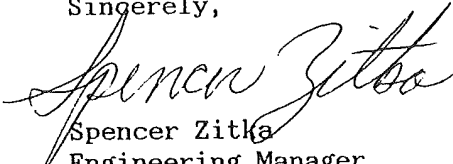
October 25, 1989

Mr. Terry Sweitzer, P.E.
Illinois Environmental Protection Agency
Division of Air Pollution Control
Post Office Box 19276
Springfield, IL 62794-9276

Dear Mr. Sweitzer:

Please find enclosed a permit application for the installation of a rotary dryer here at our Wedron, Illinois plant. We are presently planning to start construction this fall with a completion date sometime in the Spring of 1990. If you need some further information please give me a call.

Sincerely,


Spencer Zitka
Engineering Manager

SZ:klg

enclosure

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STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

APPLICATION FOR A PERMIT (A) <input checked="" type="checkbox"/> CONSTRUCT <input type="checkbox"/> OPERATE		FOR AGENCY USE ONLY	
NAME OF EQUIPMENT TO BE CONSTRUCTED OR OPERATED <u>Rotary Sand Dryer</u> (B)		I. D. NO. _____	PERMIT NO. _____
		DATE _____	

1a. NAME OF OWNER: <u>Wedron Silica Company</u>		2a. NAME OF OPERATOR: <u>Wedron Silica Company</u>	
1b. STREET ADDRESS OF OWNER: <u>South Olive Street - P.O. Box 119</u>		2b. STREET ADDRESS OF OPERATOR: <u>South Olive Street - P.O. Box 119</u>	
1c. CITY OF OWNER: <u>Wedron</u>		2c. CITY OF OPERATOR: <u>Wedron</u>	
1d. STATE OF OWNER: <u>Illinois</u>	1e. ZIP CODE: <u>60557</u>	2d. STATE OF OPERATOR: <u>Illinois</u>	2e. ZIP CODE: <u>60557</u>

3a. NAME OF CORPORATE DIVISION OR PLANT: <u>Wedron Plant</u>		3b. STREET ADDRESS OF EMISSION SOURCE: <u>South Olive Street</u>	
3c. CITY OF EMISSION SOURCE: <u>Wedron</u>	3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3e. TOWNSHIP: <u>Dayton</u>	3f. COUNTY: <u>LaSalle</u>
		3g. ZIP CODE: <u>60557</u>	

4. ALL CORRESPONDENCE TO: (NAME OF INDIVIDUAL) <u>Spencer Zitka</u>	5. TELEPHONE NUMBER FOR AGENCY TO CALL: <u>815-433-2449</u>
6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE) <input checked="" type="checkbox"/> OWNER: <input type="checkbox"/> OPERATOR <input type="checkbox"/> EMISSION SOURCE	7. YOUR ID NUMBER FOR THIS APPLICATION: (C) <u>Rotary Dryr</u>

8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.

AUTHORIZED SIGNATURE(S): (D)

BY Spencer Zitka 10-25-89
SIGNATURE DATE
Spencer Zitka
TYPED OR PRINTED NAME OF SIGNER
Director of Engineering
TITLE OF SIGNER

BY _____
SIGNATURE DATE
TYPED OR PRINTED NAME OF SIGNER
TITLE OF SIGNER

(A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS FORM MAY ONLY BE USED TO REQUEST ONE TYPE OF PERMIT - CONSTRUCTION OR OPERATION - AND NOT BOTH.

(B) CLEARLY IDENTIFY THE GENERIC NAME OF THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. SUCH IDENTIFICATION WILL APPEAR ON THE PERMIT WHICH MAY BE ISSUED PURSUANT TO THIS APPLICATION. THIS FORM MUST BE ACCOMPANIED BY THE APPLICABLE ADDENDA.

(C) PROVIDE A NUMBER IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR IDENTIFICATION NUMBER WILL BE REFERENCED IN ALL CORRESPONDENCE, RELATIVE TO THIS APPLICATION, FROM THIS AGENCY. YOUR IDENTIFICATION NUMBER MUST NOT EXCEED TEN (10) CHARACTERS.

(D) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH PCB REGS., CHAPTER 2, PART 1, RULE 103(a)(4) OR 103(b)(5) WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."

IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.

9. AN OPERATING PERMIT APPLICATION MUST BE SUBMITTED IN DUPLICATE.
A CONSTRUCTION PERMIT APPLICATION FOR CONSTRUCTION IN COOK COUNTY OUTSIDE OF THE CORPORATE LIMITS OF CHICAGO MUST BE SUBMITTED IN QUADRUPLICATE.
A CONSTRUCTION PERMIT APPLICATION IN ALL OTHER LOCATIONS MUST BE SUBMITTED IN TRIPPLICATE.

10. THE APPLICANT SHALL SUBMIT A PLOT PLAN AND MAP SHOWING DISTANCES TO THE NEAREST BOUNDARY OF THE PROPERTY ON WHICH THE OPERATION IS LOCATED AND DISTANCES TO THE NEAREST RESIDENCES, LODGINGS, NURSING HOMES, HOSPITALS, SCHOOLS AND COMMERCIAL AND MANUFACTURING ESTABLISHMENTS. IF SUCH A PLOT PLAN AND MAP HAS ALREADY BEEN SUBMITTED, INDICATE THE ASSOCIATED AGENCY I.D. NUMBER AND PERMIT APPLICATION NUMBER. AGENCY I.D. NO. 099 804 AAB APPLICATION NO. 8 303 0053

11. THE APPLICANT SHALL SUBMIT A PROCESS FLOW DIAGRAM DEPICTING ALL EMISSION SOURCES AND ALL AIR POLLUTION CONTROL EQUIPMENT COVERED BY THIS PERMIT APPLICATION. THE DIAGRAM SHALL INCLUDE LABELS FOR EACH EMISSION SOURCE AND EACH ITEM OF AIR POLLUTION CONTROL EQUIPMENT, AND SHALL SET FORTH MAXIMUM FLOW RATES FOR (1) ALL PROCESSING EQUIPMENT, (2) ALL AIR POLLUTION CONTROL EQUIPMENT, (3) ALL EMISSION SOURCES, AND (4) ALL STACKS AND VENTS. NUMBER OF SHEETS: 1 DRAWING NUMBER(S): RD-1

12. FOR EACH EMISSION SOURCE AND EACH ITEM OF AIR POLLUTION CONTROL EQUIPMENT IDENTIFIED ON THE PROCESS FLOW DIAGRAM, THE APPLICANT SHALL COMPLETE AND SUBMIT THE APPLICABLE PERMIT APPLICATION FORMS. THE FLOW DIAGRAM SHALL INDICATE THROUGH WHICH STACK OR VENT AN EMISSION SOURCE OR ITS RELATED AIR POLLUTION CONTROL EQUIPMENT IS EXHAUSTED. IF IT IS EXHAUSTED WITHIN A BUILDING, SO INDICATE.

13. IF THIS IS AN APPLICATION FOR AN OPERATING PERMIT, AND THE APPLICANT IS INCORPORATING BY REFERENCE PREVIOUSLY GRANTED INSTALLATION OR CONSTRUCTION PERMITS, HE SHALL COMPLETE FORM APC-210, ENTITLED "DATA AND INFORMATION -- INCORPORATION BY REFERENCE."

14. IF THIS IS AN APPLICATION FOR AN OPERATING PERMIT, AND THE STARTUP OF ANY EMISSION SOURCE DESCRIBED BY THIS APPLICATION PRODUCES AN AIR CONTAMINANT IN EXCESS OF APPLICABLE STANDARDS, THE APPLICANT MAY REQUEST PERMISSION TO EXCEED SUCH STANDARDS BY COMPLETING FORM APC-203, ENTITLED "OPERATION DURING STARTUP."

15. IF THIS IS AN APPLICATION FOR AN OPERATING PERMIT, AND THE APPLICANT IS APPLYING FOR PERMISSION TO OPERATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS PURSUANT TO PCB REGS., CHAPTER 2, RULE 105, THE APPLICANT MAY REQUEST SUCH PERMISSION BY COMPLETING FORM APC-204, ENTITLED "OPERATION DURING MALFUNCTION AND BREAKDOWN."

16. IF THIS IS AN APPLICATION FOR AN OPERATING PERMIT AND ALL OR ANY PART OF THE PROCESS MUST BE CONTROLLED OR MODIFIED TO COMPLY WITH APPLICABLE REGULATIONS, THE APPLICANT SHALL COMPLETE FORM APC-202, ENTITLED "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE."

17. IF THIS IS AN APPLICATION FOR AN OPERATING PERMIT, DOES THE OPERATION COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN? ☐ YES ☒ NO

18. WAS EACH EMISSION SOURCE COVERED BY THIS APPLICATION, AS OF APRIL 14, 1972, IN COMPLIANCE WITH THE "RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION," ADOPTED BY THE FORMER AIR POLLUTION CONTROL BOARD AND CONTINUED EFFECTIVE PURSUANT TO SECTION 49(c) OF THE ENVIRONMENTAL PROTECTION ACT? ☐ YES ☒ NO

19. IF THIS IS AN APPLICATION FOR AN OPERATING PERMIT, WAS THE OPERATION THE SUBJECT OF A VARIANCE PETITION FILED WITH THE ILLINOIS POLLUTION CONTROL BOARD ON OR BEFORE JUNE 13, 1972? ☐ YES ☒ NO

IF "YES," CITE PCB NUMBER(S): _____ DATE OF BOARD ORDER: _____

HAD THE APPLICANT ON OR BEFORE APRIL 14, 1972, COMMENCED CONSTRUCTION OF EQUIPMENT OR MODIFICATIONS SUFFICIENT TO ACHIEVE COMPLIANCE WITH THE APPLICABLE LIMITATIONS OF THE "RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION," ADOPTED BY THE FORMER AIR POLLUTION CONTROL BOARD AND CONTINUED EFFECTIVE PURSUANT TO SECTION 49(c) OF THE ENVIRONMENTAL PROTECTION ACT? ☐ YES ☒ NO

IF "NO," EXPLAIN IN DETAIL AND MARK YOUR EXPLANATION AS EXHIBIT D.

TOTAL NUMBER OF PAGES IN EXHIBIT D: _____

20. IF THIS IS AN APPLICATION FOR AN OPERATING PERMIT, THE APPLICANT SHALL SUBMIT AN ESTIMATE OF THE MAXIMUM ONE-HOUR AMOUNTS OF PARTICULATE MATTER, SULFUR DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, AND ORGANIC MATERIAL EMITTED FROM ALL SOURCES LOCATED ON THE PLANT OR PREMISES. THIS ESTIMATE SHALL INCLUDE ALL EMISSION SOURCES LOCATED ON THE APPLICANT'S PREMISES AND NOT JUST THE EMISSION SOURCES DESCRIBED IN THIS APPLICATION.

SEE APPENDIX A & B

MATERIAL	MAXIMUM ONE-HOUR AMOUNTS	MATERIAL	MAXIMUM ONE-HOUR AMOUNTS	MATERIAL	MAXIMUM ONE-HOUR AMOUNTS
PARTICULATE MATTER	_____ LB	SULFUR DIOXIDE	_____ LB	NITROGEN OXIDES	_____ LB
ORGANIC MATERIAL	_____ LB	CARBON MONOXIDE	_____ LB		

21. WHAT IS THE SIZE (IN ACRES) OF APPLICANT'S PREMISES? 1380 Acres

22. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. PLEASE NUMBER EVERY PAGE AND STATE THE TOTAL NUMBER OF PAGES IN THIS APPLICATION.

INTRODUCTION

Wedron Silica Company is an existing industrial sand plant (SIC Code 1446) in Wedron, Illinois which is in LaSalle County. The plant mines, washes, dries, screens, bulk loads and bag loads the whole grain silica sand for a variety of industries which include glass, foundries, abrasives, etc. The plant has a name plate capacity of 1.5×10^6 tons per year. In 1988, there were 950,000 tons shipped out which was 63% of capacity.

At this time Wedron Silica is proposing to make a change in the way the sand is dried. Presently Wedron Silica has six (6) steam coil dryers which get their steam from two (2) coal fired boilers. Four of the dryers are quite old and need to be replaced because they are worn out. Instead of replacing the four steam coil dryers with newer, up to date steam coil dryers a large rotary dryer is to be installed. The rotary dryer is going to be 9'Ø x 50' long and capable of drying 200 tons per hour. It is to be fired by a natural gas burner. Since Wedron Silica will continue to have two steam coil dryers there will be a mix of operation between the steam coil dryers and the rotary dryer. The plan is to run the steam coil dryers during the four winter months when some plant steam heat is needed and only run the rotary dryer to maintain production. During the other eight months of the year only the rotary dryer will be used as it will have enough capacity to handle the entire plant production.

Because of this change the overall emissions rate will be reduced as shown in Appendix A and Appendix B.

APPENDIX A

Particulate Emissions TPY Present

<u>Emission Source</u>	<u>Plant Rate</u>	<u>Modified Plant Rate</u>
Dryer No. 5	12.500	0.000
Dryer No. 6	12.500	0.000
Dryer No. 7	12.500	0.000
Dryer No. 8	12.500	0.000
Dryer No. 9	0.375	0.125*
Dryer No. 10	0.375	0.620**
Conveyors	2.250	0.000
Rotary Dryer	0.000	21.400***
	<hr/>	<hr/>
	53.000	22.145

* Running at the present rate but only four months per year.

** Running at the present rate for four months per year and added 67% of conveyors (1/3 of conveyor eliminated when dryers 5-8 are shut down) for four months of the year.

*** Based on outlet emissions rate from BACT Engineering of 0.02 gr./DSCF of air, 24 hours/day, 5 days/week, 44 weeks/year.

APPENDIX B

Energy Source Emissions (TPY)

POLLUTANT	PRESENT BOILER HOUSE TONS/YEAR	MODIFIED PLANT BOILER HOUSE*	ROTARY DRYER NATURAL GAS BURNER**	NEW TOTAL
Particulates	62.63	20.67	0.52	21.19
Sulfur Oxides	567.68	187.33	0.12	187.45
Nitrogen Oxide	127.27	41.99	28.99	70.98
Hydrocarbons	8.079	2.67	1.20	3.87
Carbon Monoxide	16.16	5.33	7.25	12.58

* For four months of operation 1/3 of present value was used.

** Emission factors from AP-42, Section 1.4, USEPA "Compilation of Air Pollution Emission Factors." Rates based on maximum usage of 80,000,000 BTU/hour, 24 hours/day, 5 days/week, 44 weeks/year.

WEDRON SILICA CO.

ROTARY DRYER FLOW DIAGRAM
RD-1

10-23-89 SLZ

BACT WET SCRUBBER ME-48
INLET - 53,000 ACFM, 230°F, .184 LB. H₂O / LB. OF DRY AIR
OUTLET - 47,000 ACFM, 148°F, SATURATED
.02 GR./DSCF

235 GPM H₂O

TWIN CITY FAN
490 RTF
47,500 CFM @ 17" H₂O
187.9 BHP

DAMP SAND FEED
5% MOISTURE 200TPH

WASTE WATER TO
PLANT RECYCLE SYSTEM
AND THEN TO SETTLING
POND.

DRY CYCLONE
2'-6" DIA.
5" H₂O PD.

FINES SCREEN APPROX.
2 TPAH

DISCHARGE CONVEYOR EXISTING

9' Ø X 50' LONG
ROTARY DRYER

NORTH
AMERICAN
4141-H-80
80 MM BTU/HR
BURNER & CONTROLS

NEW CONVEYOR

5' X 10' TYLER TY-ROCKET
SCREEN

OVERSIZE TRASH
PILE OUTSIDE BUILD.



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

DATA AND INFORMATION INCORPORATION BY REFERENCE	FOR AGENCY USE ONLY
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1. NAME OF OWNER: Wedron Silica Company	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Wedron Plant
3. STREET ADDRESS OF EMISSION SOURCE: South Olive Street	4. CITY OF EMISSION SOURCE: Wedron
5. IDENTIFICATION NUMBER: 0 9 9 8 0 4 A A B	

6a. APPLICATION NUMBER: 83030053	b. IDENTIFICATION ON FLOW DIAGRAM:
c. <input type="checkbox"/> CONSTRUCTION <input checked="" type="checkbox"/> OPERATION OF Screen House, Sand Dryers, & Sand Coolers	
d. DOES THE DATA & INFORMATION PREVIOUSLY SUBMITTED REMAIN TRUE, CORRECT, CURRENT & COMPLETE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
e. IF "NO," SUBMIT THE APPLICABLE FORMS OR CLEARLY STATE THE DATA & INFORMATION WHICH IS NO LONGER TRUE, CORRECT, CURRENT AND COMPLETE.	

7a. APPLICATION NUMBER: 73031358	b. IDENTIFICATION ON FLOW DIAGRAM:
c. <input type="checkbox"/> CONSTRUCTION <input checked="" type="checkbox"/> OPERATION OF Dryers 5 through 8	
d. DOES THE DATA & INFORMATION PREVIOUSLY SUBMITTED REMAIN TRUE, CORRECT, CURRENT & COMPLETE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
e. IF "NO," SUBMIT THE APPLICABLE FORMS OR CLEARLY STATE THE DATA & INFORMATION WHICH IS NO LONGER TRUE, CORRECT, CURRENT AND COMPLETE.	

8a. APPLICATION NUMBER: 73010718	b. IDENTIFICATION ON FLOW DIAGRAM:
c. <input type="checkbox"/> CONSTRUCTION <input checked="" type="checkbox"/> OPERATION OF Boiler House	
d. DOES THE DATA & INFORMATION PREVIOUSLY SUBMITTED REMAIN TRUE, CORRECT, CURRENT & COMPLETE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
e. IF "NO," SUBMIT THE APPLICABLE FORMS OR CLEARLY STATE THE DATA & INFORMATION WHICH IS NO LONGER TRUE, CORRECT, CURRENT AND COMPLETE.	

9a. APPLICATION NUMBER:	b. IDENTIFICATION ON FLOW DIAGRAM:
c. <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> OPERATION OF	
d. DOES THE DATA & INFORMATION PREVIOUSLY SUBMITTED REMAIN TRUE, CORRECT, CURRENT & COMPLETE? <input type="checkbox"/> YES <input type="checkbox"/> NO	
e. IF "NO," SUBMIT THE APPLICABLE FORMS OR CLEARLY STATE THE DATA & INFORMATION WHICH IS NO LONGER TRUE, CORRECT, CURRENT AND COMPLETE.	



STATE OF ILLINOIS
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*DATA AND INFORMATION
FUEL COMBUSTION EMISSION SOURCE

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

1. NAME OF OWNER: Wedron Silica Company	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Wedron Plant
3. STREET ADDRESS OF EMISSION SOURCE: South Olive Street	4. CITY OF EMISSION SOURCE: Wedron

GENERAL INFORMATION

5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: Rotary Dryer Burner		
6. MANUFACTURER: North American Mfg.	7. MODEL NUMBER: 4141-H-80	8. SERIAL NUMBER: ----
9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 5 DAYS/WK 44 WKS/YR	10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 5 DAYS/WK 52 WKS/YR	
11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 5 % MAR-MAY 25 % JUN-AUG 35 % SEP-NOV 35 %		

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

*EMISSION INFORMATION				
35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): <div style="text-align: center; font-size: 1.2em;">1</div>				
AVERAGE OPERATION				
CONTAMINANT	CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE	
PARTICULATE MATTER	36a. GR/SCF	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
CARBON MONOXIDE	37a. PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
NITROGEN OXIDES	38a. PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
ORGANIC MATERIAL	39a. PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
SULFUR DIOXIDE	40a. PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
MAXIMUM OPERATION				
CONTAMINANT	CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE	
PARTICULATE MATTER	41a. GR/SCF	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
CARBON MONOXIDE	42a. PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
NITROGEN OXIDES	43a. PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
ORGANIC MATERIAL	44a. PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	
SULFUR DIOXIDE	45a. PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c.	

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

**EXHAUST POINT INFORMATION	
46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:	
47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):	
48. EXIT HEIGHT ABOVE GRADE:	50. EXIT DIAMETER:
49. GREATEST HEIGHT OF NEARBY BUILDINGS: <div style="text-align: right;">FT</div>	51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: <div style="text-align: right;">FT</div>
AVERAGE OPERATION	MAXIMUM OPERATION
52. EXIT GAS TEMPERATURE: <div style="text-align: right;">°F</div>	54. EXIT GAS TEMPERATURE: <div style="text-align: right;">°F</div>
53. GAS FLOW RATE THROUGH EACH EXIT: <div style="text-align: right;">ACFM</div>	55. GAS FLOW RATE THROUGH EACH EXIT: <div style="text-align: right;">ACFM</div>

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



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2200 CHURCHILL ROAD
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DATA AND INFORMATION	FOR AGENCY USE ONLY
PROCESS EMISSION SOURCE(A)	

1. NAME OF PLANT OWNER: Wedron Silica Company	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Wedron Plant
3. STREET ADDRESS OF EMISSION SOURCE: South Olive Street	4. CITY OF EMISSION SOURCE: Wedron

GENERAL INFORMATION		
5. NAME OF PROCESS: Silica Sand Drying	6. NAME OF EMISSION SOURCE EQUIPMENT: Rotary Dryer	
7. EMISSION SOURCE EQUIPMENT MANUFACTURER: N/A	8. INDEX NUMBER 9'Ø x 50' Long	9. INDEX NUMBER
10. FLOW DIAGRAM DESIGNATIONS OF EMISSION SOURCES DESCRIBED ON THIS FORM (REFER TO "GENERAL" INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201): Rotary Dryer		
11. CLEARLY IDENTIFY ANY SIMILAR SOURCES AT THE PLANT OR PREMISES NOT COVERED BY THIS FORM (IF SUCH SOURCES ARE COVERED BY FORMS CONTAINED IN OTHER APPLICATIONS, ALSO IDENTIFY THOSE APPLICATIONS): None		
12. AVERAGE OPERATION TIME OF EMISSION SOURCE: 24 HRS/DAY 5 DAYS/WK 44 WKS/YR		13. PERCENT OF ANNUAL THROUGHPUT: DEC/FEB 5 % MAR/MAY 25 % JUN/AUG 35 % SEP/NOV 35 %

RAW MATERIAL INFORMATION		
14. NAMES OF RAW MATERIALS(B)	MAXIMUM RATE PER IDENTICAL SOURCE	AVERAGE RATE PER IDENTICAL SOURCE
a. Silica Sand	440,000 LB/HR	370,000 LB/HR
b.	LB/HR	LB/HR
c.	LB/HR	LB/HR
d.	LB/HR	LB/HR
e.	LB/HR	LB/HR
f.	LB/HR	LB/HR

(A) THIS DATA AND INFORMATION FORM IS TO BE COMPLETED FOR ANY STATIONARY EMISSION SOURCE OTHER THAN A FUEL COMBUSTION EMISSION SOURCE OR AN INCINERATOR. A FUEL COMBUSTION EMISSION SOURCE IS ANY FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. FOR SUCH AN EMISSION SOURCE, COMPLETE "DATA AND INFORMATION -- FUEL COMBUSTION EMISSION SOURCE," FORM APC-240. AN INCINERATOR IS A COMBUSTION APPARATUS IN WHICH REFUSE IS BURNED. FOR SUCH AN EMISSION SOURCE, COMPLETE "DATA AND INFORMATION -- INCINERATOR," FORM APC-250.
(B) COMPOSITIONS OF RAW MATERIALS MUST BE DETAILED TO THE EXTENT NECESSARY TO DETERMINE THE NATURE AND QUANTITY OF POTENTIAL EMISSIONS.

PRODUCT INFORMATION

15. NAMES OF PRODUCTS	MAXIMUM RATE PER IDENTICAL SOURCE	AVERAGE RATE PER IDENTICAL SOURCE
a. None	--- LB/HR	--- LB/HR
b.	LB/HR	LB/HR
c.	LB/HR	LB/HR
d.	LB/HR	LB/HR

WASTE MATERIAL INFORMATION

16. NAMES OF WASTE MATERIALS	MAXIMUM RATE PER IDENTICAL SOURCE	AVERAGE RATE PER IDENTICAL SOURCE
a. None	--- LB/HR	--- LB/HR
b.	LB/HR	LB/HR
c.	LB/HR	LB/HR
d.	LB/HR	LB/HR

MAXIMUM EMISSIONS FROM EACH IDENTICAL SOURCE*

CONTAMINANT	CONCENTRATION OR EMISSION RATE		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE
18. PARTICULATE MATTER	a. GR/SCF	b. LB/HR	c.
18. CARBON MONOXIDE	a. PPM (VOL)	b. LB/HR	c.
19. NITROGEN OXIDES	a. PPM (VOL)	b. LB/HR	c.
20. ORGANIC MATERIAL	a. PPM (VOL)	b. LB/HR	c.
21. SULFUR DIOXIDE	a. PPM (VOL)	b. LB/HR	c.
22. OTHER (SPECIFY)	a. PPM (VOL)	b. LB/HR	c.

EXHAUST DATA*

23. FLOW DIAGRAM DESIGNATIONS OF EXITS DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201):		24. GAS FLOW RATE THROUGH EACH EXIT: ACFM	25. EXIT GAS TEMPERATURE: °F
26. EXIT DIAMETER: FT	27. EXIT HEIGHT ABOVE GRADE: FT	28. MAXIMUM HEIGHT OF NEARBY BUILDINGS: FT	29. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: FT

*NOTE: COMPLETE THESE SECTIONS ONLY IF EMISSIONS ARE EXHAUSTED WITHOUT CONTROL EQUIPMENT.



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2700 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

DATA AND INFORMATION	FOR AGENCY USE ONLY
AIR POLLUTION CONTROL EQUIPMENT	

1. NAME OF OWNER: Wedron Silica Company	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Wedron Plant
3. STREET ADDRESS OF EMISSION SOURCE: South Olive Street	4. CITY OF EMISSION SOURCE: Wedron

ADSORPTION SYSTEM			
1. FLOW DIAGRAM DESIGNATIONS OF ADSORPTION SYSTEMS DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201):			
2. MANUFACTURER:		3. MODEL NAME AND NUMBER:	
4. ADSORBANT:	5. NUMBER OF BEDS PER SYSTEM:	6. ADSORBANT WEIGHT PER BED: _____ LB.	
7. METHOD OF REGENERATION: <input type="checkbox"/> REPLACEMENT <input type="checkbox"/> STEAM <input type="checkbox"/> OTHER (SPECIFY _____)			
8. TIME ON LINE BEFORE REGENERATION: _____ MIN/BED		9. EFFICIENCY OF CONTROL (ATTACH TEST REPORT OR EXPLAIN ESTIMATE): _____ %	

AFTERBURNER			
1. FLOW DIAGRAM DESIGNATIONS OF AFTERBURNERS DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201):			
2. MANUFACTURER:		3. MODEL NAME AND NUMBER:	
4. FUEL: <input type="checkbox"/> GAS <input type="checkbox"/> OIL (_____ % SULFUR)	5. BURNERS PER AFTERBURNER _____ @ _____ BTU/HR EACH		
6. INLET GAS TEMPERATURE: _____ °F	7. OPERATING TEMPERATURE OF COMBUSTION CHAMBER: _____ °F		
8. COMBUSTION CHAMBER DIMENSIONS: LENGTH _____ IN; CROSS SECTION _____ IN x _____ IN; OR _____ IN DIA			
9. CATALYST USED? <input type="checkbox"/> YES <input type="checkbox"/> NO		10. EFFICIENCY OF CONTROL (ATTACH TEST REPORT OR EXPLAIN ESTIMATE): PARTICULATE _____ % GASEOUS _____ %	

CONDENSER

1. FLOW DIAGRAM DESIGNATIONS OF CONDENSERS DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201):	
2. MANUFACTURER:	3. MODEL NAME AND NUMBER:
4. TYPE OF COOLANT AND COOLANT FLOW PER CONDENSER: <input type="checkbox"/> WATER (_____ GPM) <input type="checkbox"/> AIR (_____ SCFM) <input type="checkbox"/> OTHER (TYPE _____ FLOW RATE _____)	
5. COOLANT TEMPERATURES: INLET _____ °F OUTLET _____ °F	6. GAS TEMPERATURES: INLET _____ °F OUTLET _____ °F
7. HEAT EXCHANGE AREA PER CONDENSER: _____ FT ²	8. EFFICIENCY OF CONTROL (ATTACH TEST REPORT OR EXPLAIN ESTIMATE): _____ %

CYCLONE

1. FLOW DIAGRAM DESIGNATIONS OF CYCLONES OR MULTIPLE CYCLONES DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201): Dry Cyclone	
2. MANUFACTURER: Bact Engineering	3. MODEL NAME AND NUMBER: 2-64
4. NUMBER OF IN EACH MULTIPLE CYCLONE:	5. EFFICIENCY OF CONTROL (ATTACH TEST REPORT OR EXPLAIN ESTIMATE): (Mfg. Information) 60 %
6. DIMENSION THE APPROPRIATE SKETCH (IN INCHES) OR PROVIDE A DRAWING WITH EQUIVALENT INFORMATION:	

ELECTRICAL PRECIPITATOR

1. FLOW DIAGRAM DESIGNATIONS OF ELECTRICAL PRECIPITATORS DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201):	
2. MANUFACTURER:	3. MODEL NAME AND NUMBER:
4. COLLECTING ELECTRODE AREA PER CONTROL DEVICE: _____ FT ²	5. EFFICIENCY OF CONTROL (ATTACH TEST REPORT OR EXPLAIN RESULTS): _____ %

FILTER

1. FLOW DIAGRAM DESIGNATIONS OF FILTERS DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201):	
2. MANUFACTURER:	3. MODEL NAME AND NUMBER:
4. FILTERING AREA PER CONTROL DEVICE: _____ FT ²	5. FILTERING MATERIAL:
6. CLEANING: <input type="checkbox"/> SHAKER <input type="checkbox"/> REVERSE AIR <input type="checkbox"/> PULSE AIR <input type="checkbox"/> PULSE JET <input type="checkbox"/> OTHER(SPECIFY _____)	
7. GAS COOLING: <input type="checkbox"/> BLEED-IN AIR(_____ SCFM) <input type="checkbox"/> WATER SPRAY (_____ GPM) <input type="checkbox"/> DUCT(LENGTH _____ FT; DIA _____ IN) <input type="checkbox"/> OTHER(SPECIFY)	
8. INLET GAS: TEMPERATURE _____ °F; DEW POINT _____ °F	9. EFFICIENCY OF CONTROL (ATTACH TEST REPORT OR EXPLAIN ESTIMATE): _____ %

SCRUBBER

1. FLOW DIAGRAM DESIGNATIONS OF SCRUBBERS DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201): <u>Bact Wet Scrubber</u>	
2. MANUFACTURER: <u>Bact Engineering, Inc.</u>	3. MODEL NAME AND NUMBER: <u>ME-48</u>
4. SCRUBBER TYPE:	
<input checked="" type="checkbox"/> HIGH ENERGY (GAS STREAM PRESSURE DROP <u>8</u> IN H ₂ O) <input type="checkbox"/> PACKED (PACKING TYPE _____; PACKING SIZE _____ IN; PACKED HEIGHT _____ IN) <input checked="" type="checkbox"/> SPRAY (NUMBER OF NOZZLES <u>3</u> ; NOZZLE PRESSURE <u>17</u> PSIG) <input type="checkbox"/> OTHER (SPECIFY _____ ATTACH DESCRIPTION AND SKETCH WITH DIMENSIONED DETAILS)	
5. SCRUBBER GEOMETRY:	
LENGTH IN DIRECTION OF GAS FLOW <u>210</u> IN; CROSS-SECTION <u>SEE SKETCHES</u> IN X _____ IN OR _____ IN DIA; <input type="checkbox"/> CROSS FLOW <input type="checkbox"/> COUNTER FLOW	
6. LIQUID FLOW RATE INTO SCRUBBER: <u>240</u> GPM	7. CHEMICAL COMPOSITION OF SCRUBBANT: <u>Water</u>
8. INLET GAS TEMPERATURE: <u>230</u> °F	9. EFFICIENCY OF CONTROL (ATTACH TEST REPORT OR EXPLAIN ESTIMATE): PARTICULATE <u>99.5</u> % GASEOUS _____ %

OTHER TYPES OF CONTROL EQUIPMENT

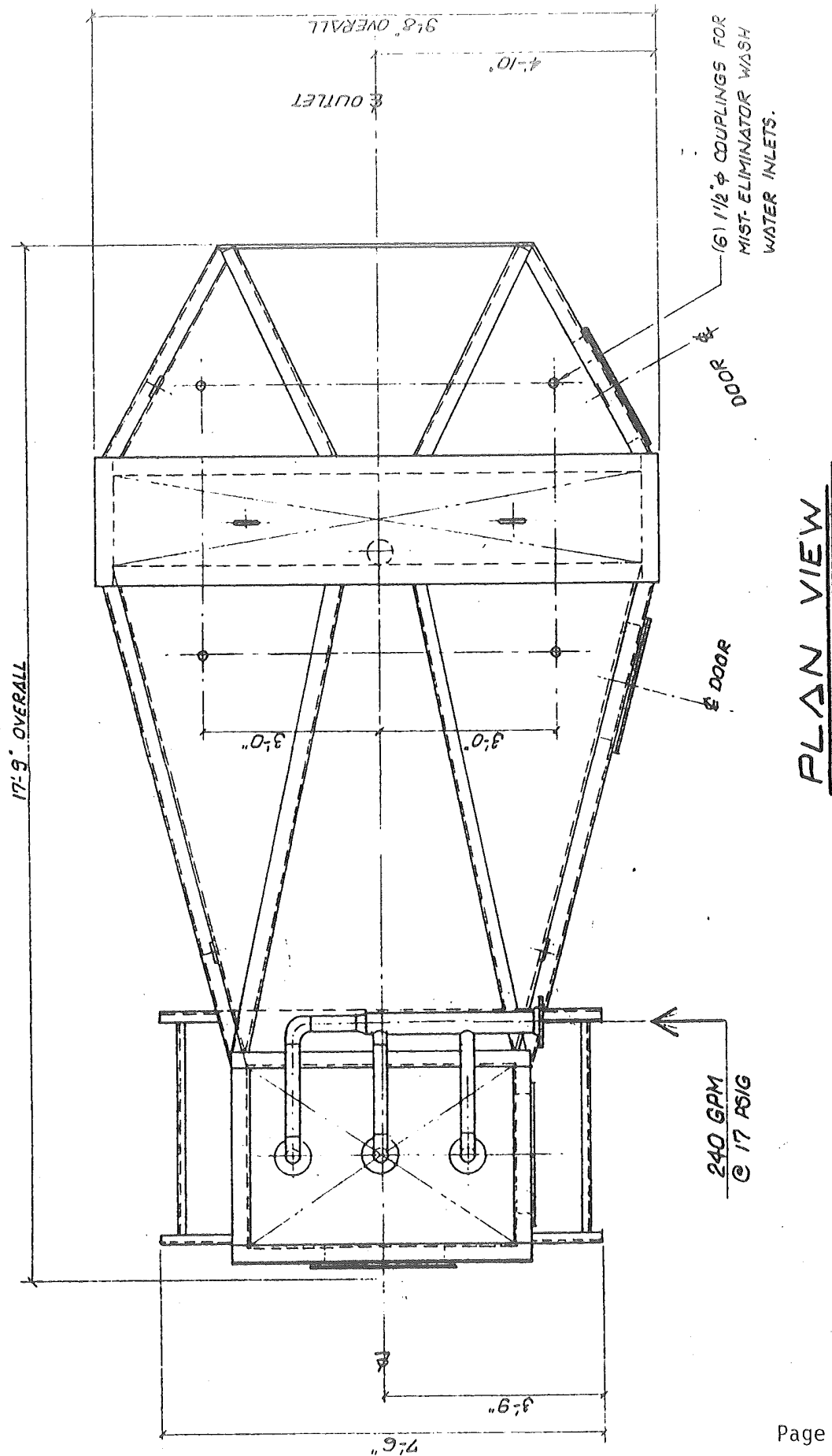
1. FLOW DIAGRAM DESIGNATION OF CONTROL EQUIPMENT DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201): <u>Cyclone</u>			
2. GENERIC NAME OF CONTROL EQUIPMENT: <u>Dry Cyclone</u>	3. MANUFACTURER: <u>Bact Engineering</u>	4. MODEL NAME AND NUMBER: <u>64" Diameter</u>	
5. ATTACH DESCRIPTION AND SKETCH OF CONTROL EQUIPMENT WITH DIMENSIONED DETAILS AND FLOW RATES. <u>N/A</u>		6. EFFICIENCY OF CONTROL (ATTACH TEST REPORT OR EXPLAIN ESTIMATE): PARTICULATE <u>60</u> % GASEOUS _____ %	

MAXIMUM EMISSIONS FROM EACH IDENTICAL EXIT

CONTAMINANT	CONCENTRATION OR EMISSION RATE		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE
1. PARTICULATE MATTER	a. <u>.02</u> GR/SCF	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c. <u>At Maximum Production Rate From Equipment Supplier</u>
2. CARBON MONOXIDE	a. _____ PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c. _____
3. NITROGEN OXIDES	a. _____ PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c. _____
4. ORGANIC MATERIAL	a. _____ PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c. _____
5. SULFUR DIOXIDE	a. _____ PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c. _____
6. OTHER (SPECIFY)	a. _____ PPM (VOL)	b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR	c. _____

EXHAUST DATA

1. FLOW DIAGRAM DESIGNATIONS OF EXITS DESCRIBED IN THIS SECTION (REFER TO "GENERAL INSTRUCTIONS FOR COMPLETION OF PERMIT APPLICATIONS," FORM APC-201):		2. GAS FLOW RATE THROUGH EACH EXIT: <u>47,000</u> ACFM	3. EXIT GAS TEMPERATURE: <u>148</u> °F
4. EXIT DIAMETER: <u>4'-0"</u> FT	5. EXIT HEIGHT ABOVE GRADE: <u>60</u> FT	6. MAXIMUM HEIGHT OF NEARBY BUILDINGS: <u>42</u> FT	7. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: <u>400</u> FT





STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

ADDENDUM W WASTEWATER TREATMENT FROM WET COLLECTORS		FOR OFFICIAL USE ONLY	
		I.D. NO.	
		PERMIT NO.	
		DATE	
1. NAME OF OWNER: Wedron Silica Company		7. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER):	
2. TELEPHONE NUMBER: 815-433-2449		8. TELEPHONE NUMBER:	
3. STREET ADDRESS OF OWNER: South Olive Street		9. STREET ADDRESS OF EMISSION SOURCE:	
4. CITY: Wedron		10. CITY:	11. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
5. STATE: Illinois	6. ZIP CODE: 60557	12. COUNTY: LaSalle	13. ZIP CODE: 60557
NOTE: COMPLETE ITEMS 14 AND 15 IF WATER IS DISCHARGED TO A SEWER:			
14. NAME AND TITLE OF PERSON CERTIFYING ADEQUATE CAPACITY OF TRANSPORT AND TREATMENT:		15. SIGNATURE AND DATE (OWNER OR AUTHORIZED AGENT OF SEWER SYSTEM AND IF APPLICABLE, TREATMENT WORKS):	

PERMIT TO (X) *CONSTRUCT () *AND OPERATE

*(X) AS APPLICABLE

6. WASTEWATER FLOW RATE THROUGH AIR POLLUTION CONTROL DEVICE:			
a. MAX. FLOW		338,400	GAL/DAY
b. AVG. FLOW		338,400	GAL/DAY
c. MIN. FLOW		0	GAL/DAY
7. CONTAMINANTS PRESENT IN WASTEWATER	FEED WATER TO DEVICE (mg/l)	DISCHARGE FROM DEVICE (mg/l)	EFFLUENT FROM TREATMENT PROCESS (mg/l)
SUSPENDED SOLIDS	No Information Available*	No Information Available*	Will not exceed
TOTAL DISSOLVED SOLIDS	"	"	current conditions
pH	"	"	of NPDES Permit
OTHERS ***			No. IL0001759
* Project is in design stage.			

*** LIST AND ANALYZE ALL OTHER CONTAMINANTS IN WASTEWATER FOR WHICH STANDARDS ARE SET BY "CHAPTER 3, WATER POLLUTION CONTROL REGULATION OF ILLINOIS." (ATTACH ADDITIONAL SHEETS IF NECESSARY.)

18. TREATMENT PROCESS (ATTACH A SCHEMATIC FLOW DIAGRAM ON 8 1/2" x 11" SHEET(S)) SHOWING THE WASTEWATER TREATMENT PROCESS INCLUDING LOADING RATES FOR EACH COMPONENT OF WASTEWATER TREATMENT SYSTEM. Scrubber water is treated by sand reclaim tank and settling pond and then recycled to scrubber.
19. NAME OF TREATMENT PLANT OR BODY OF WATER TO WHICH THE WASTE IS ULTIMATELY DISCHARGED. Outfall 001: Buck Creek to Fox River. There will be no change in discharge flow or effluent concentrations.

THIS INFORMATION ADDENDUM WILL BE REVIEWED BY THE DIVISION OF WATER POLLUTION CONTROL AND THE OWNER WILL BE NOTIFIED WHETHER OR NOT A DETAILED DIVISION OF WATER POLLUTION CONTROL APPLICATION FOR A PERMIT WILL NEED TO BE SUBMITTED. THIS FORM (APC-104) IN ITSELF SHALL NOT BE CONSIDERED TO BE AN APPLICATION FOR A PERMIT FROM THE DIVISION OF WATER POLLUTION CONTROL. PROPER APPLICATION FOR PERMIT FORMS WILL BE MAILED TO YOU BY THE DIVISION OF WATER POLLUTION CONTROL, IF IT IS DEEMED THAT THE FACILITY REQUIRES A DIVISION OF WATER POLLUTION CONTROL PERMIT.